10829139

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSPTANAG1626

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2		"Ask CAS" for self-help around the clock
NEWS 3	AUG 09	INSPEC enhanced with 1898-1968 archive
NEWS 4	AUG 28	ADISCTI Reloaded and Enhanced
NEWS 5	AUG 30	CA(SM)/CAplus(SM) Austrian patent law changes
NEWS 6	SEP 21	CA/CAplus fields enhanced with simultaneous left and right truncation
NEWS 7	SEP 25	CA(SM)/CAplus(SM) display of CA Lexicon enhanced
NEWS 8	SEP 25	CAS REGISTRY(SM) no longer includes Concord 3D coordinates
NEWS 9	SEP 25	CAS REGISTRY(SM) updated with amino acid codes for pyrrolysine
NEWS 10	SEP 28	CEABA-VTB classification code fields reloaded with new classification scheme
NEWS 11	OCT 19	LOGOFF HOLD duration extended to 120 minutes
NEWS 12	OCT 19	E-mail format enhanced
NEWS 13	OCT 23	Option to turn off MARPAT highlighting enhancements available
NEWS 14	OCT 23	CAS Registry Number crossover limit increased to 300,000 in multiple databases
NEWS 15	OCT 23	The Derwent World Patents Index suite of databases on STN has been enhanced and reloaded
NEWS 16	OCT 30	CHEMLIST enhanced with new search and display field
NEWS 17	NOV 03	JAPIO enhanced with IPC 8 features and functionality
NEWS 18	NOV 10	CA/CAplus F-Term thesaurus enhanced
NEWS 19	NOV 10	STN Express with Discover! free maintenance release Version 8.01c now available
NEWS 20	NOV 20	CAS Registry Number crossover limit increased to 300,000 in additional databases
NEWS 21	NOV 20	CA/CAplus to MARPAT accession number crossover limit increased to 50,000
NEWS 22	DEC 01	CAS REGISTRY updated with new ambiguity codes
NEWS 23	DEC 11	CAS REGISTRY chemical nomenclature enhanced
NEWS 24	DEC 14	WPIDS/WPINDEX/WPIX manual codes updated
NEWS 25	DEC 14	GBFULL and FRFULL enhanced with IPC 8 features and functionality
NEWS 26	DEC 18	CA/CAplus pre-1967 chemical substance index entries enhanced with preparation role
NEWS 27	DEC 18	CA/CAplus patent kind codes updated
NEWS 28	DEC 18	MARPAT to CA/CAplus accession number crossover limit increased to 50,000
NEWS 29	DEC 18	MEDLINE updated in preparation for 2007 reload
NEWS 30	DEC 27	CA/CAplus enhanced with more pre-1907 records

NEWS EXPRESS NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items

10829139

NEWS IPC8 For general information regarding STN implementation of IPC 8
NEWS X25 X.25 communication option no longer available

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 18:18:00 ON 03 JAN 2007

=> fil reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 18:18:11 ON 03 JAN 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 2 JAN 2007 HIGHEST RN 916646-22-5
DICTIONARY FILE UPDATES: 2 JAN 2007 HIGHEST RN 916646-22-5

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

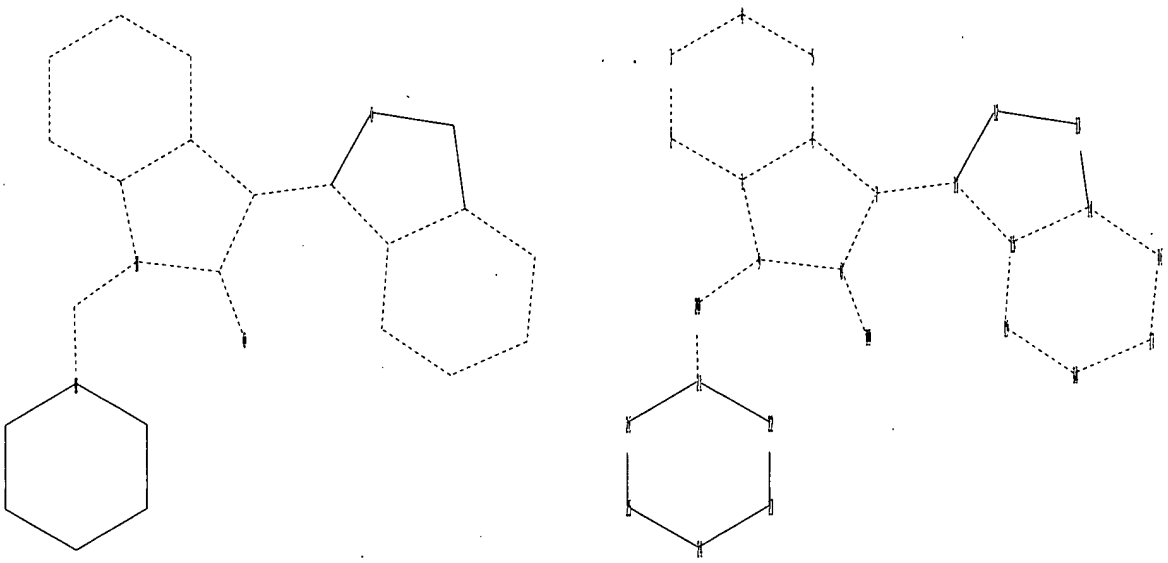
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=>
Uploading C:\Program Files\Stnexp\Queries\10829139.str

10829139



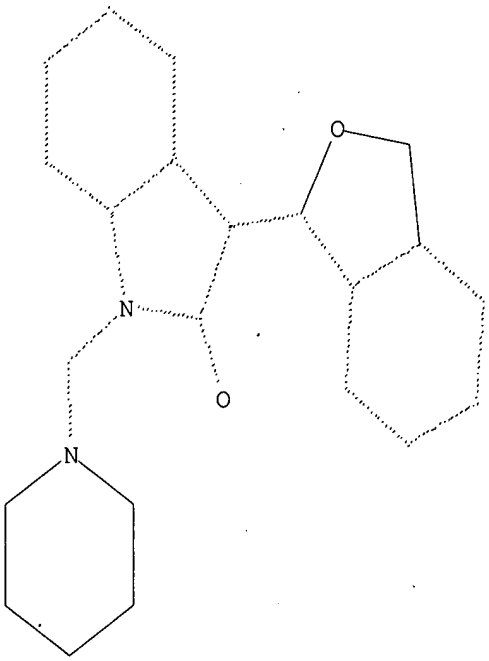
chain nodes :
10 20
ring nodes :
1 2 3 4 5 6 7 8 9 11 12 13 14 15 16 17 18 19 21 22 23 24 25
26
chain bonds :
7-11 8-10 9-20 20-21
ring bonds :
1-2 1-6 1-9 2-3 3-4 4-5 5-6 6-7 7-8 8-9 11-12 11-15 12-13 13-14 14-15
14-16 15-19 16-17 17-18 18-19 21-22 21-26 22-23 23-24 24-25 25-26
exact/norm bonds :
1-2 1-6 1-9 2-3 3-4 4-5 5-6 6-7 7-8 7-11 8-9 8-10 9-20 11-12 11-15
12-13 13-14 14-15 14-16 15-19 16-17 17-18 18-19 20-21 21-22 21-26 22-23
23-24 24-25 25-26

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
20:CLASS 21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR

10829139



Structure attributes must be viewed using STN Express query preparation.

```
=> s l1
SAMPLE SEARCH INITIATED 18:18:51 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -       17 TO ITERATE

100.0% PROCESSED       17 ITERATIONS                                0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:           93 TO      587
PROJECTED ANSWERS:               0 TO        0

L2            0 SEA SSS SAM L1

=> s l1 full
FULL SEARCH INITIATED 18:18:58 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -      322 TO ITERATE

100.0% PROCESSED      322 ITERATIONS                                3 ANSWERS
SEARCH TIME: 00.00.01

L3            3 SEA SSS FUL L1

=> fil hcaplus
COST IN U.S. DOLLARS                                  SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                     172.55     172.76

FILE 'HCAPLUS' ENTERED AT 18:19:05 ON 03 JAN 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)
```

10829139

FILE COVERS 1907 - 3 Jan 2007 VOL 146 ISS 2
FILE LAST UPDATED: 2 Jan 2007 (20070102/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l3
L4 2 L3

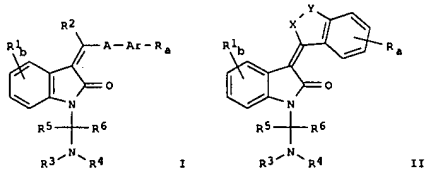
=> d ed ibib abs hitstr 1-2

L4 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2007 ACS on STN
ED Entered STN: 28 May 2004
ACCESSION NUMBER: 2004:433773 .HCAPLUS
DOCUMENT NUMBER: 140:423586
TITLE: Preparation of dihydroindolones as tyrosine kinase inhibitors for the treatment of disease
INVENTOR(S): Andrews, Steven W.; Garst, Michael E.; Guo, Xialing; Hebert, Jonathan J.; Malone, Thomas; Wurster, Julie A.; Hull, Clarence Eugene
PATENT ASSIGNEE(S): Allergan, Inc., USA
SOURCE: U.S. Pat. Appl. Publ., 18 pp., Cont. of U.S. Ser. No. 306,975, abandoned.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

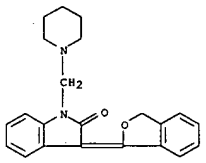
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004102509	A1	20040527	US 2003-389416	20030313
US 6747025	B2	20040608		
CA 2507780	A1	20040617	CA 2003-2507780	20031119
WO 2004050621	A2	20040617	WO 2003-US36988	20031119
WO 2004050621	A3	20040715		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
AU 2003295658	A1	20040623	AU 2003-295658	20031119
GB 2410744	A	20050810	GB 2005-11267	20031119
GB 2410744	B	20060412		
BR 2003016744	A	20051018	BR 2003-16744	20031119
JP 2006512400	T	20060413	JP 2004-570761	20031119
US 2004198802	A1	20041007	US 2004-829139	20040420
PRIORITY APPLN. INFO.:			US 2002-306975 B1	20021127
			US 2002-307097 A	20021127
			US 2003-389416 A	20030313
			WO 2003-US36988 W	20031119

OTHER SOURCE(S): MARPAT 140:423586
GI

L4 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2007 ACS on STN (Continued)

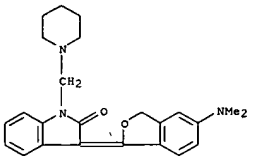


AB The title compds. [I or II; X = O, C(R2)2; Y = [C(R2)2]c; A = NR2, absent;
R1 = halo, OH, NO2, CN, etc.; R2 = H, alkyl, Ph, etc.; R = halo, (un)substituted hydrocarbyl; R3, R4 = H, (un)substituted hydrocarbyl; NR3R4 = (hetero)cyclic ring; R5, R6 = H, alkyl, aryl; a = 0-3; b = 0-3; c = 1-2] which are capable of modulating tyrosine kinase signal transduction
in order to regulate, modulate and/or inhibit abnormal cell proliferation,
were prepared Thus, reacting 4-morpholinoaniline with 3-(hydroxymethylene)-
1,3-dihydroindol-2-one (preparation given) in THF afforded 92% 3-[(4-morpholinophenylamino)-methylene]-1,3-dihydroindol-2-one which showed IC50 of 260 nM against VEGFR2 kinase.
IT 663903-86-4P 663903-90-0P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of dihydroindolones as tyrosine kinase inhibitors for treatment
of disease)
RN 663903-86-4 HCAPLUS
CN 2H-Indol-2-one, 1,3-dihydro-3-(1(3H)-isobenzofuranylidene)-1-(1-piperidinylmethyl)- (9CI) (CA INDEX NAME)

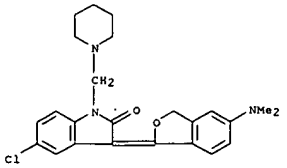


RN 663903-90-0 HCAPLUS

L4 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2007 ACS on STN (Continued)
CN 2H-Indol-2-one, 3-[5-(dimethylamino)-1(3H)-isobenzofuranylidene]-1,3-dihydro-1-(1-piperidinylmethyl)- (9CI) (CA INDEX NAME)



IT 663903-91-1P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of dihydroindolones as tyrosine kinase inhibitors for treatment
of disease)
RN 663903-91-1 HCAPLUS
CN 2H-Indol-2-one,
5-chloro-3-[5-(dimethylamino)-1(3H)-isobenzofuranylidene]-
1,3-dihydro-1-(1-piperidinylmethyl)- (9CI) (CA INDEX NAME)

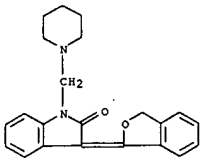


REFERENCE COUNT: 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

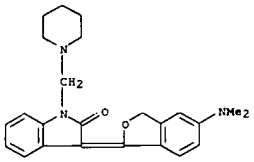
L4 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2007 ACS on STN
ED Entered STN: 04 Mar 2004
ACCESSION NUMBER: 2004:176559 HCAPLUS
DOCUMENT NUMBER: 140:210752
TITLE: Dihydroindolone compound tyrosine kinase inhibitors for the treatment of disease
INVENTOR(S): Andrews, Steven W.; Hebert, Jonathan J.
PATENT ASSIGNEE(S): Allergan, Inc., USA
SOURCE: U.S., 14 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6699863	B1	20040302	US 2002-307097	20021127
CA 2507780	A1	20040617	CA 2003-2507780	20031119
WO 2004050621	A2	20040617	WO 2003-US36988	20031119
WO 2004050621	A3	20040715		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
AU 2003295658	A1	20040623	AU 2003-295658	20031119
GB 2410744	A	20050810	GB 2005-11267	20031119
GB 2410744	B	20060412		
BR 2003016744	A	20051018	BR 2003-16744	20031119
JP 2006512400	T	20060413	JP 2004-570761	20031119
PRIORITY APPLN. INFO.:			US 2002-306975 A	20021127
			US 2002-307097 A	20021127
			US 2003-389416 A	20030313
			WO 2003-US36988 W	20031119

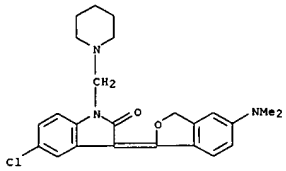
OTHER SOURCE(S): MARPAT 140:210752
AB The invention discloses organic mols., especially dihydroindolone derivs. (preparation
described) capable of modulating tyrosine kinase signal transduction in order to regulate, modulate and/or inhibit abnormal cell proliferation.
IT 663903-86-4P 663903-90-0P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(dihydroindolone derivative tyrosine kinase inhibitors for treatment of
disease)
RN 663903-86-4 HCAPLUS
CN 2H-Indol-2-one, 1,3-dihydro-3-(1(3H)-isobenzofuranylidene)-1-(1-piperidinylmethyl)- (9CI) (CA INDEX NAME)



RN 663903-90-0 HCAPLUS
CN 2H-Indol-2-one, 3-[5-(dimethylamino)-1(3H)-isobenzofuranylidene]-1,3-dihydro-1-(1-piperidinylmethyl)- (9CI) (CA INDEX NAME)



IT 663903-91-1P
RL: SPN (Synthetic preparation); PREP (Preparation)
(dihydroindolone derivative tyrosine kinase inhibitors for treatment of disease)
RN 663903-91-1 HCAPLUS
CN 2H-Indol-2-one, 5-chloro-3-[5-(dimethylamino)-1(3H)-isobenzofuranylidene]-1,3-dihydro-1-(1-piperidinylmethyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 38 THERE ARE 38 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

10829139

```
=> d his

     (FILE 'HOME' ENTERED AT 18:18:00 ON 03 JAN 2007)

     FILE 'REGISTRY' ENTERED AT 18:18:11 ON 03 JAN 2007
L1              STRUCTURE UPLOADED
L2            0 S L1
L3            3 S L1 FULL

     FILE 'HCAPLUS' ENTERED AT 18:19:05 ON 03 JAN 2007
L4            2 S L3

=> log y
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                      ENTRY   SESSION
FULL ESTIMATED COST                                    15.74     188.50

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                      ENTRY    SESSION
CA SUBSCRIBER PRICE                                    -1.56      -1.56

STN INTERNATIONAL LOGOFF AT 18:20:22 ON 03 JAN 2007
```

10829139s2

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSPTANAG1626

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2		"Ask CAS" for self-help around the clock
NEWS 3	AUG 09	INSPEC enhanced with 1898-1968 archive
NEWS 4	AUG 28	ADISCTI Reloaded and Enhanced
NEWS 5	AUG 30	CA(SM)/CAplus(SM) Austrian patent law changes
NEWS 6	SEP 21	CA/CAplus fields enhanced with simultaneous left and right truncation
NEWS 7	SEP 25	CA(SM)/CAplus(SM) display of CA Lexicon enhanced
NEWS 8	SEP 25	CAS REGISTRY(SM) no longer includes Concord 3D coordinates
NEWS 9	SEP 25	CAS REGISTRY(SM) updated with amino acid codes for pyrrolysine
NEWS 10	SEP 28	CEABA-VTB classification code fields reloaded with new classification scheme
NEWS 11	OCT 19	LOGOFF HOLD duration extended to 120 minutes
NEWS 12	OCT 19	E-mail format enhanced
NEWS 13	OCT 23	Option to turn off MARPAT highlighting enhancements available
NEWS 14	OCT 23	CAS Registry Number crossover limit increased to 300,000 in multiple databases
NEWS 15	OCT 23	The Derwent World Patents Index suite of databases on STN has been enhanced and reloaded
NEWS 16	OCT 30	CHEMLIST enhanced with new search and display field
NEWS 17	NOV 03	JAPIO enhanced with IPC 8 features and functionality
NEWS 18	NOV 10	CA/CAplus F-Term thesaurus enhanced
NEWS 19	NOV 10	STN Express with Discover! free maintenance release Version 8.01c now available
NEWS 20	NOV 20	CAS Registry Number crossover limit increased to 300,000 in additional databases
NEWS 21	NOV 20	CA/CAplus to MARPAT accession number crossover limit increased to 50,000
NEWS 22	DEC 01	CAS REGISTRY updated with new ambiguity codes
NEWS 23	DEC 11	CAS REGISTRY chemical nomenclature enhanced
NEWS 24	DEC 14	WPIDS/WPINDEX/WPIX manual codes updated
NEWS 25	DEC 14	GBFULL and FRFULL enhanced with IPC 8 features and functionality
NEWS 26	DEC 18	CA/CAplus pre-1967 chemical substance index entries enhanced with preparation role
NEWS 27	DEC 18	CA/CAplus patent kind codes updated
NEWS 28	DEC 18	MARPAT to CA/CAplus accession number crossover limit increased to 50,000
NEWS 29	DEC 18	MEDLINE updated in preparation for 2007 reload
NEWS 30	DEC 27	CA/CAplus enhanced with more pre-1907 records

NEWS EXPRESS NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items

10829139s2

NEWS IPC8 For general information regarding STN implementation of IPC 8
NEWS X25 X.25 communication option no longer available

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 18:31:47 ON 03 JAN 2007

=> fil reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 18:32:04 ON 03 JAN 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 2 JAN 2007 HIGHEST RN 916646-22-5
DICTIONARY FILE UPDATES: 2 JAN 2007 HIGHEST RN 916646-22-5

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

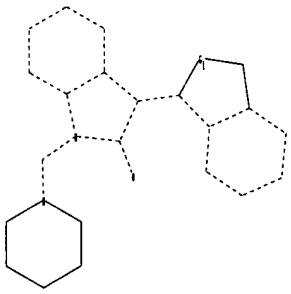
Please note that search-term pricing does apply when conducting SmartSELECT searches.

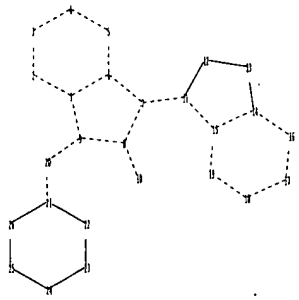
REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=>
Uploading C:\Program Files\Stnexp\Queries\10829139s2.str

10829139s2





chain nodes :
10 20
ring nodes :
1 2 3 4 5 6 7 8 9 11 12 13 14 15 16 17 18 19 21 22 23 24 25
26
chain bonds :
7-11 8-10 9-20 20-21
ring bonds :
1-2 1-6 1-9 2-3 3-4 4-5 5-6 6-7 7-8 8-9 11-12 11-15 12-13 13-14 14-15
14-16 15-19 16-17 17-18 18-19 21-22 21-26 22-23 23-24 24-25 25-26
exact/norm bonds :
1-2 1-6 1-9 2-3 3-4 4-5 5-6 6-7 7-8 7-11 8-9 8-10 9-20 11-12 11-15
12-13 13-14 14-15 14-16 15-19 16-17 17-18 18-19 20-21 21-22 21-26 22-23
23-24 24-25 25-26

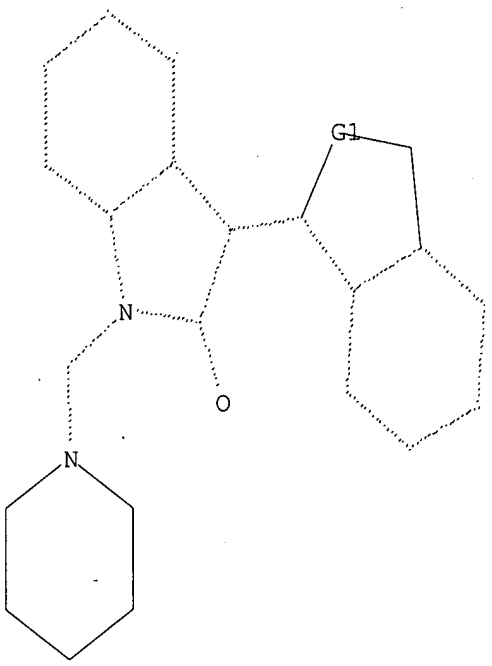
G1:C,O

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
20:CLASS 21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR

10829139s2



G1 C,O

Structure attributes must be viewed using STN Express query preparation.

```
=> s l1
SAMPLE SEARCH INITIATED 18:32:43 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -        36 TO ITERATE

100.0% PROCESSED        36 ITERATIONS                                  0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:          360 TO     1080
PROJECTED ANSWERS:               0 TO        0

L2             0 SEA SSS SAM L1

=> s l1 full
FULL SEARCH INITIATED 18:32:49 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -       629 TO ITERATE

100.0% PROCESSED       629 ITERATIONS                                  3 ANSWERS
SEARCH TIME: 00.00.01

L3             3 SEA SSS FUL L1

=> fil hcaplus
COST IN U.S. DOLLARS                                 SINCE FILE      TOTAL
                                                        ENTRY    SESSION
FULL ESTIMATED COST                                    172.10     172.31

FILE 'HCAPLUS' ENTERED AT 18:32:54 ON 03 JAN 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
```

10829139s2

FILE COVERS 1907 - 3 Jan 2007 VOL 146 ISS 2
FILE LAST UPDATED: 2 Jan 2007 (20070102/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l3
L4 2 L3

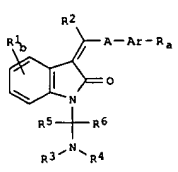
=> d ed ibib abs hitstr 1-2

L4 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2007 ACS on STN
ED Entered STN: 28 May 2004
ACCESSION NUMBER: 2004:433773 HCAPLUS
DOCUMENT NUMBER: 140:423586
TITLE: Preparation of dihydroindolones as tyrosine kinase inhibitors for the treatment of disease
INVENTOR(S): Andrews, Steven W.; Garst, Michael E.; Guo, Xialing; Hebert, Jonathan J.; Malone, Thomas; Wurster, Julie A.; Hull, Clarence Eugene
PATENT ASSIGNEE(S): Allergan, Inc., USA
SOURCE: U.S. Pat. Appl. Publ., 18 pp., Cont. of U.S. Ser. No. 306,975, abandoned.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

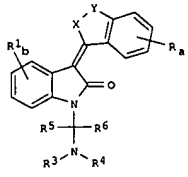
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004102509	A1	20040527	US 2003-389416	20030313
US 6747025	B2	20040608		
CA 2507780	A1	20040617	CA 2003-2507780	20031119
WO 2004050621	A2	20040617	WO 2003-US36988	20031119
WO 2004050621	A3	20040715		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
AU 2003295658	A1	20040623	AU 2003-295658	20031119
GB 2410744	A	20050810	GB 2005-11267	20031119
GB 2410744	B	20060412		
BR 2003016744	A	20051018	BR 2003-16744	20031119
JP 2006512400	T	20060413	JP 2004-570761	20031119
US 2004198802	A1	20041007	US 2004-829139	20040420
PRIORITY APPLN. INFO.:			US 2002-306975	B1 20021127
			US 2002-307097	A 20021127
			US 2003-389416	A 20030313
			WO 2003-US36988	W 20031119

OTHER SOURCE(S): MARPAT 140:423586
GI

L4 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2007 ACS on STN (Continued)

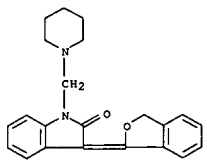


I



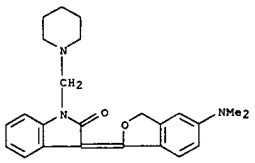
II

AB The title compds. [I or II; X = O, C(R2)2; Y = [C(R2)2]c; A = NR2, absent;
R1 = halo, OH, NO2, CN, etc.; R2 = H, alkyl, Ph, etc.; R = halo, (un)substituted hydrocarbyl; R3, R4 = H, (un)substituted hydrocarbyl; NR3R4 = (hetero)cyclic ring; R5, R6 = H, alkyl, aryl; a = 0-3; b = 0-3; c = 1-2] which are capable of modulating tyrosine kinase signal transduction
in order to regulate, modulate and/or inhibit abnormal cell proliferation,
were prepared Thus, reacting 4-morpholinoaniline with 3-(hydroxymethylene)-
1,3-dihydroindol-2-one (preparation given) in THF afforded 92% 3-[(4-morpholinophenylamino)-methylene]-1,3-dihydroindol-2-one which showed IC50 of 260 nM against VEGFR2 kinase.
IT 663903-86-4P 663903-90-0P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of dihydroindolones as tyrosine kinase inhibitors for treatment
of disease)
RN 663903-86-4 HCAPLUS
CN 2H-Indol-2-one, 1,3-dihydro-3-(1(3H)-isobenzofuranylidene)-1-(1-piperidinylmethyl)- (9CI) (CA INDEX NAME)

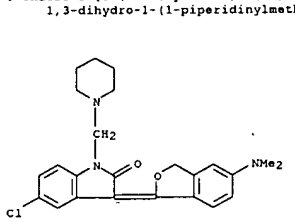


RN 663903-90-0 HCAPLUS

L4 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2007 ACS on STN (Continued)
CN 2H-Indol-2-one, 3-[5-(dimethylamino)-1(3H)-isobenzofuranylidene]-1,3-dihydro-1-(1-piperidinylmethyl)- (9CI) (CA INDEX NAME)



IT 663903-91-1P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of dihydroindolones as tyrosine kinase inhibitors for treatment
of disease)
RN 663903-91-1 HCAPLUS
CN 2H-Indol-2-one,
5-chloro-3-[5-(dimethylamino)-1(3H)-isobenzofuranylidene]-
1,3-dihydro-1-(1-piperidinylmethyl)- (9CI) (CA INDEX NAME)



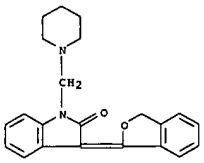
REFERENCE COUNT: 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2007 ACS on STN
ED Entered STN: 04 Mar 2004
ACCESSION NUMBER: 2004:176559 HCAPLUS
DOCUMENT NUMBER: 140:210752
TITLE: Dihydroindolone compound tyrosine kinase inhibitors for the treatment of disease
INVENTOR(S): Andrews, Steven W.; Hebert, Jonathan J.
PATENT ASSIGNEE(S): Allergan, Inc., USA
SOURCE: U.S., 14 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

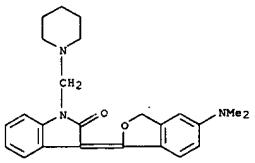
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6699863	B1	20040302	US 2002-307097	20021127
CA 2507780	A1	20040617	CA 2003-2507780	20031119
WO 2004050621	A2	20040617	WO 2003-US36988	20031119
WO 2004050621	A3	20040715		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
AU 2003295658	A1	20040623	AU 2003-295658	20031119
GB 2410744	A	20050810	GB 2005-11267	20031119
GB 2410744	B	20060412		
BR 2003016744	A	20051018	BR 2003-16744	20031119
JP 2006512400	T	20060413	JP 2004-570761	20031119
PRIORITY APPLN. INFO.:			US 2002-306975	A 20021127
			US 2002-307097	A 20021127
			US 2003-389416	A 20030313
			WO 2003-US36988	W 20031119

OTHER SOURCE(S): MARPAT 140:210752
AB The invention discloses organic mols., especially dihydroindolone derivs. (preparation
described) capable of modulating tyrosine kinase signal transduction in order to regulate, modulate and/or inhibit abnormal cell proliferation.
IT 663903-86-4P 663903-90-0P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(dihydroindolone derivative tyrosine kinase inhibitors for treatment of
disease)
RN 663903-86-4 HCAPLUS
CN 2H-Indol-2-one, 1,3-dihydro-3-(1(3H)-isobenzofuranylidene)-1-(1-piperidinylmethyl)- (9CI) (CA INDEX NAME)

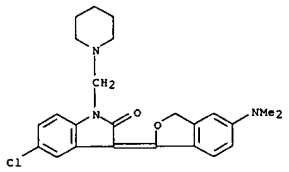
L4 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 663903-90-0 HCAPLUS
CN 2H-Indol-2-one, 3-[5-(dimethylamino)-1(3H)-isobenzofuranylidene]-1,3-dihydro-1-(1-piperidinylmethyl)- (9CI) (CA INDEX NAME)



IT 663903-91-1P
RL: SPN (Synthetic preparation); PREP (Preparation)
(dihydroindolone derivative tyrosine kinase inhibitors for treatment of
disease)
RN 663903-91-1 HCAPLUS
CN 2H-Indol-2-one,
5-chloro-3-[5-(dimethylamino)-1(3H)-isobenzofuranylidene]-1,3-dihydro-1-(1-piperidinylmethyl)- (9CI) (CA INDEX NAME)



L4 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2007 ACS on STN (Continued)

REFERENCE COUNT: 38 THERE ARE 38 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

10829139s2

=> log y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	13.14	185.45

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-1.56	-1.56

STN INTERNATIONAL LOGOFF AT 18:33:17 ON 03 JAN 2007